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1975 Performance of Commercial Soybeans in Illinois

Circular 1117/University of Illinois at Urbana-Champaign
College of Agriculture/Cooperative Extension Service

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This circular was prepared by G. L. Ross, Assistant Agronomist, Jim Bowan and Richard Mulvihill, Research Assistants, and D. W. Graffis, Professor of Forage Crops Extension.

Urbana, Illinois

January, 1976

Issued in furtherance of Cooperative Extension Work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. JOHN B. CLAAR, Director, Cooperative Extension Service, University of Illinois at Urbana-Champaign.

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PERFORMANCE OF COMMERCIAL SOYBEANS IN ILLINOIS, 1975

With 1973 and 1974 Results

THE UNIVERSITY OF ILLINOIS commercial soybean testing program was started in 1969 as a result of requests by seedsmen to test their private varieties. The number of participating individuals has increased each year since the start of the program.

This commercial soybean testing program intends to provide unbiased, objective, and accurate testing of all varieties entered. The tests are conducted on as uniform a soil as is available in the testing area. Small plots are used to reduce the chance of soil and climatic variations occurring between one variety plot and another.

The results of these tests should help you judge the merits of varieties in comparison with other private and public varieties. Since your soils and management may differ from those of the test location, you may wish to plant variety strips of the higher-performing varieties on your farm. The results printed in this circular should help you decide which varieties to try.

Plan of the Tests

Selection of entries. Soybean producers in Illinois and surrounding states were invited to enter varieties, brands, or blends in the 1975 Illinois soybean performance trials. To help finance the testing program, a fee of 40 dollars was charged for each entry entered by the seed producer. Most of these varieties, brands, or blends are commercially available, but experimental varieties were also entered by producers.

Entries. A total of 262 entries were tested in 1975.

Number and location of tests. Seven separate tests were conducted in Illinois in 1975. These sites represent major soils and maturity zones of the state.

Field-plot design. All tests were set up in either a lattice square or square lattice design with three or four replications. Each variety plot was four 30-inch rows wide and 20-22 feet long. The middle two rows of each plot were harvested to measure yield.

Fertility and weed control. All test locations were at a high level of fertility. A herbicide was used at all test locations to control weeds; all plots were also hand-hoed to help control grass and weeds.

Method of planting and harvesting. The plots at Brownstown, Belleville, Carbondale, and Dixon Springs were planted with a Planet Jr., while those at DeKalb, Macomb, and Urbana were planted with a modified small grain seeder. Harvesting at Urbana, Brownstown, Carbondale, and Dixon Springs utilized a small plot

thrasher, while the plots at Belleville, Macomb, and DeKalb were harvested by combine. No allowances were made for beans that may have been lost due to combining or shattering.

Measuring Performance

Yield. Soybean yield was measured in bushels (60 pounds) per acre at a moisture content of 12.5 percent. An electronic moisture tester was used for all moisture readings.

Lodging. The amount of lodging was rated shortly before harvest. The following scores were used to compare entries.

1. Almost all plants erect.
2. All plants leaning slightly or a few plants down.
3. All plants leaning moderately (45°), or 25 to 50 percent of the plants down.
4. All plants leaning considerably, or 50 to 80 percent of the plants down.
5. Almost all plants down.

Maturity. Maturity was stated as the date when approximately 95 percent of the pods were ripe.

Height. Height was measured at or shortly before harvest time. It is the average length of plants from the ground to the tip of the main stem.

Comparing entries. In any test of plant material, it is impossible to measure performance exactly. Samples may vary, soils may not be uniform, and many other conditions may produce variability. Results of repeated tests are more reliable than those of a single year or a single strip test. When one variety consistently outyields another at several test locations and over several years of testing, the chances are good that this difference is real and should be considered in selecting a variety. However, yield is not the only indicator. You should also consider maturity and lodging.

As an aid in comparing soybean varieties, brands, and blends, certain statistical tests have been devised. One test is Fisher's L.S.D. When two entries in a trial are compared and the difference between them is greater than the tabulated L.S.D. value, the entries are said to be "significantly different."

Growing Conditions on 1975 Test Fields

DeKalb. The DeKalb test was located on the University's Northern Illinois Research Center near Shab-

bona in DeKalb County. Richard Bell is the field manager and Derreld L. Mulvaney is the area agronomist in charge of research at the Center. The soil type is Flanagan silt loam, a dark-brown adequately drained soil of high fertility. The 1975 growing season was good, although rainfall was low in July. The test was planted May 28 and harvested November 11 and 12.

Macomb. A test was planted at the Agriculture Experiment Station of Western Illinois University in McDonough County with Frank Gardner, cooperating agronomist. Establishment and growth were good. The seasonal rainfall was about average, but there was a dry period in late June to early July. Because of very little lodging, a combine was used for harvesting. Prior to harvest some livestock entered the field, damaging entries at random. The damage could not be accurately evaluated. Several varieties had also shattered excessively before harvest (November 7). After a review

of the data collected, it was evident that the combination of losses from livestock and shattering made the yield data unreliable. Therefore, the report of this location is being omitted from this circular.

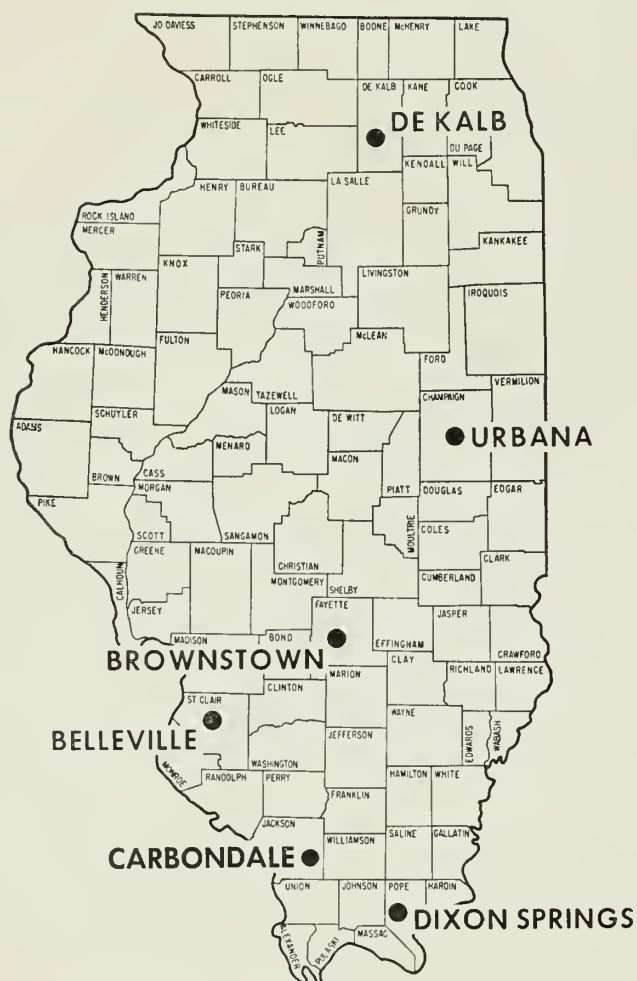
Urbana. This test was located on the Agronomy South Farm of the University of Illinois at Urbana-Champaign in Champaign County. M. G. Oldham is the farm manager. The field on which the test plots were located was a level heavy-textured Drummer silty clay loam. The 1975 growing season was good. The test was planted May 21 and harvested according to variety maturity on September 28 and 30, and October 15 and 16.

Brownstown. This test was located on the University's Brownstown Research Center in Fayette County. Frank Zajicek is the agronomist in charge. The test plots were located on a Cisne silt loam, a poorly drained gray prairie soil with a well-developed claypan. Natural fertility of this soil is not high, but good fertilization practices and crop rotations have brought the yield potential of the field to a moderately high level. The 1975 growing season was wet in the spring and dry in July. This test was planted May 23 and harvested according to variety maturity on September 24 and October 17.

Belleville. This test was located on the Southern Illinois University Research Center at Belleville in St. Clair County. George Kapusta is the cooperating agronomist. The trial was located on an Ebbert silt loam soil and was in soybeans in 1973 and 1974. The 1975 growing season was generally good for crop growth. The spring was warm and the summer wet. This test was planted May 22 and harvested November 5.

Carbondale. This test was located on the campus farm of Southern Illinois University at Carbondale in Jackson County. George Kapusta and Roy Browning are the cooperating agronomists. The test plots were located on a Weir silt loam soil and were in beans in 1974. The 1975 growing season was favorable. This trial was planted May 20 and harvested November 4.

Dixon Springs. This test was located on the University of Illinois research center at Dixon Springs in Pope County. George McKibben is the cooperating agronomist. The test plots were located on a Sharon silt loam, a light-colored, moderately well-drained, medium-textured, bottomland soil. The land used for the 1975 trials was in beans in 1974. The 1975 growing season was very favorable for crop growth. This test was planted May 19 and harvested November 13 and 14.



Location of 1975 test fields.

Sources of Seed

Company	Varieties	Locations entered ^a	Varieties	Locations entered ^a
Agripro, Inc., P.O. Box 1668, Ames, IA 50010	Agripro 20	D, U	Agripro 27	D, U
	Agripro 25	D, U	Agripro 35	U, Br, Be
Asgrow Seed Company, 4244 Clinton Drive, Des Moines, IA 50310	Asgrow A2340*	D, U	Asgrow A2770	U
	Asgrow A2440	D	Asgrow A3300*	U
	Asgrow XP2444	D	Asgrow A3440*	U
	Asgrow XP2656	D, U	Asgrow XP4086	Br
Louis Bellatti, Route 1, Mt. Pulaski, IL 62548	Seedmaker 1-E	U, Br, DS		
Clemens Seed Company, Beaman, IA 50609	Clemens 2E*	D, U	Clemens CX114	D, U
	Clemens 12E*	D	Clemens CX215	U
	Clemens 2ER-75*	D, U	Clemens CX282	D
	Clemens 2L-75*	U	Clemens CX290	U
	Clemens 9L-75*	U	Clemens CX327	U
	Clemens Exp. 22	D	Clemens Exp. C736	U
	Clemens Exp. 66	U	Clemens Exp. C935	D
	Clemens Exp. 93	U	Clemens Exp. 980	D, U
	Clemens Exp. 94	D, U		
Farmers Forage Research Cooperative, 4112 E. State Road 225, W. Lafayette, IN 47906	FFR 111	D	FFR 555	DS
	FFR 444	Br, Be, C	FFR 556	DS
Ferry-Morse Seed Company, P.O. Box 100, Mountain View, CA 94042 (Hulting Hybrids, Box 24, Geneseo, IL 61254)	McKoy 1100	D, U		
FS Services, Inc. (Northern), 315 N. Sixth Street, DeKalb, IL 60115	FS Hisoy 225	D		
Funk Seeds International, Inc., 1300 W. Washington Street, Bloomington, IL 61706	Funk G-3272	D, U	Funk G-3333	U, Br
Hoblitt Seed Company, Atlanta, IL 61723	Hoblitt 2-5	U		
Jacques Seed Company, Prescott, WI 54021	Jacques J-98*	D	Jacques J-114*	U
	Jacques J-104*	D, U		
Landers Seed Company, Inc., P.O. Box 120, Sullivan, IL 61951	Landers L-22-410	D, U	Landers L-32-458	D, U
	Landers L-23-432	Br, U	Landers L-33-344	U, Br
McCurdy Seed Company, Fremont, IA 52561	McCurdy 101 +*	D, U	McCurdy X500*	U, Br
	McCurdy 109 +*	D, U, Br		
North American Plant Breeders, RFD 2, Brookston, IN 47923	N.A.P.B. Amsoy 71	D, U	N.A.P.B. Corsoy	D, U
	N.A.P.B. Beeson	D, U		
Northrup, King and Company, P.O. Box 49, Washington, IA 52353	S-1474	D, U	Multivar 60*	D
	2928 Exp.	D	Multivar 70*	U
	3409 Exp.	U	Multivar 80*	U, Br, Be
	Multivar 50*	D	Multivar 90*	U, Br, Be
	Multivar 51*	D		
Peterson Soybean Seed Division, Pioneer Hi-Bred International, Inc., 3261 West Airline Highway, Waterloo, IA 50701	Peterson 105P*	D, U	Peterson 3100*	D
	Peterson 125*	U, Br, Be	Peterson 3105*	D, U
	Peterson X514C*	DS	Peterson 3120X*	D, U, Br, Be
	Peterson 2120T*	U, Br, Be	Peterson 3125*	Br, Be, C, DS
Pride Company, Inc., Glen Haven, WI 53801	Pride B186	D	Pride B216	D, U
David Rieso, R.R. 2, New Athens, IL 62264	Rieso	Br, Be		
J. M. Schultz Seed Company, Dieterich, IL 62424	Mitchell	Br, Be, C, DS	Washington II*	U, Br, Be
	Pontiac	U		
Seedmakers, Inc., Princeville, IL 61559	SM 2-A	D	SM 36691-G	Be
	SM 26691-D	U	SM 36691-T	U
	SM 26691-F	Be	SM 46691-M	Be
	SM 26691-M	D	SM 4-C	D, U
	SM 26913-C	D	SM 4-E	U, Be
	SM 3-E	Br, Be, DS	SM 5-C	D, U
Seed Soybean Research (Illiana Seed Specialists Corp.), Box 22, R.R. 1, Granville, IL 61326	17722 Exp.	D	17815 Exp.	U
	17812 Exp.	U	19716 Exp.	D
Soybean Research Foundation, P.O. Box 72, Mason City, IL 62664	SRF 150	D	SRF 350	U, Be, DS, Br
	SRF 200	D, U	SRF 425	U, Br, Be, C, DS
	SRF 307P	D, U, Be	SRF 450	Br, Be, C, DS
Teweles Seed Company, R.R. 1, Clinton, WI 53525	Teweles XR70*	U, Br, Be	Teweles XR272*	D, U
	Teweles XK140	D	Teweles XR304*	Br, Be
	Teweles XR244*	D	Teweles XR305*	U, Br, Be
	Teweles XR250*	D, U	Teweles XK505	D, U
	Teweles XK262	D, U	Teweles XK585	D, U, Br
V. R. Seeds, Inc., Box M, Plymouth, IN 46563	V.R. Buccaneer	D, U	V.R. Viking	D
	V.R. Classic II	U		
Voris Seeds, Inc., Box 457, Windfall, IN 46076	Voris-Blend 200*	D	Voris-Soy 285	D, Br
	Voris-Blend 300*	U	Voris-Soy 295	U
	Voris-Blend 400*	Br	Voris-Soy 405	U, Br
	Voris-Soy 245	D		

^a D = DeKalb, U = Urbana, Br = Brownstown, Be = Belleville, C = Carbondale, and DS = Dixon Springs.

* Indicates brand or blend.

Seed Germinations

Company source	Variety	May, 1975 greenhouse germination (72° F.)	June, 1975 field germi- nation ^a	Company source	Variety	May, 1975 greenhouse germination (72° F.)	June, 1975 field germi- nation ^a
Agripro	20	98	85	Pride	B186	100	96
Agripro	25	98	88	Pride	B216	96	73
Agripro	27	100	88	Rieso	Rieso	98	92
Agripro	35	100	84	Schultz	Mitchell	90	85
Asgrow	A-2340	96	86	Schultz	Pontiac	98	82
Asgrow	A-2440	100	77	Schultz	Washington II	98	59
Asgrow	XP-2444	98	93	Seedmaker	SM 2-A	94	80
Asgrow	XP-2656	96	83	Seedmaker	SM 26691-D	88	81
Asgrow	A-2770	100	83	Seedmaker	SM 26691-F	96	88
Asgrow	A-3300	98	90	Seedmaker	SM 26691-M	90	87
Asgrow	A-3440	96	83	Seedmaker	SM 3-E	88	70
Asgrow	XP-3585	98	92	Seedmaker	SM 36691-G	84	78
Asgrow	XP-4007	98	95	Seedmaker	SM 36691-I	98	90
Asgrow	XP-4086	96	94	Seedmaker	SM 36691-T	90	91
Bellatti	Seedmaker 1-E	98	91	Seedmaker	SM 46691-M	90	83
Clemens	2E	96	78	Seedmaker	SM 4-C	92	78
Clemens	12E	94	90	Seedmaker	SM 4-E	92	81
Clemens	2ER-75	94	89	Seedmaker	SM 5-C	78	69
Clemens	2L-75	90	85	Seedmaker	SM 5-E	94	91
Clemens	9L-75	92	87	Seedmaker	SM 26913-C	96	91
Clemens	Exp. 22	98	93	Seed Soybean Research	17722 Exp.	98	94
Clemens	Exp. 66	86	80	Seed Soybean Research	17812 Exp.	92	85
Clemens	Exp. 93	92	84	Seed Soybean Research	17815 Exp.	90	91
Clemens	Exp. 94	94	94	Seed Soybean Research	19716 Exp.	92	82
Clemens	CX 114	94	91	SRF	150	88	87
Clemens	CX 215	100	82	SRF	200	94	85
Clemens	CX 282	98	80	SRF	307P	94	89
Clemens	CX 290	98	89	SRF	350	92	85
Clemens	CX 327	98	62	SRF	425	90	91
Clemens	Exp. C-736	94	88	SRF	450	100	89
Clemens	Exp. C-935	98	93	Teweles	XR 70	90	53
Clemens	Exp. 980	94	85	Teweles	XK 140	92	77
Ferry-Morse	McKoy 1100	100	76	Teweles	XR 244	80	84
FFR	111	98	84	Teweles	XR 250	98	83
FFR	444	98	90	Teweles	XK 262	96	73
FFR	555	100	88	Teweles	XR 272	86	81
FFR	556	96	81	Teweles	XR 304	96	86
FS	Hisoy 225	98	66	Teweles	XR 305	100	89
Funk	G-3272	96	65	Teweles	XK 505	90	88
Funk	G-3333	96	73	Teweles	XK 585	100	93
Hoblitt	2-5	98	85	Voris-Blend	200	96	78
Jacques	J-98	98	77	Voris-Blend	300	92	78
Jacques	J-104	100	78	Voris-Blend	400	90	87
Jacques	J-114	92	68	Voris-Soy	245	90	84
Landers	L-22-410	98	85	Voris-Soy	285	94	87
Landers	L-23-432	98	76	Voris-Soy	295	92	82
Landers	L-32-458	98	86	Voris-Soy	405	86	69
Landers	L-33-344	96	73	V.R.	Buccaneer	98	68
McCurdy	101+	98	78	V.R.	Classic II	92	77
McCurdy	109+	94	84	V.R.	Viking	96	80
McCurdy	X 500	94	74		Amsoy 71	92	74
NAPB	Amsoy 71	94	76		Beeson	94	84
NAPB	Beeson	100	88		Bonus	98	87
NAPB	Corsoy	94	75		Calland	88	81
Northrup-King	S-1474	100	70		Columbus	100	83
Northrup-King	2928 Exp.	98	68		Corsoy	98	79
Northrup-King	3409 Exp.	94	84		Cutler 71	86	55
Northrup-King	Multivar 50	96	86		Dare	90	74
Northrup-King	Multivar 51	96	80		Essex	100	87
Northrup-King	Multivar 60	92	77		Forrest	98	80
Northrup-King	Multivar 70	96	70		Hark	94	83
Northrup-King	Multivar 80	82	50		Hill	100	89
Northrup-King	Multivar 90	92	72		Kent	96	73
Peterson	105P	92	95		Mack	82	63
Peterson	125	98	84		Pomona	96	78
Peterson	X514C	100	77		Rampage	94	64
Peterson	2120T	100	76		Wayne	94	86
Peterson	3100	96	73		Wells	96	73
Peterson	3105	94	87		Williams	94	87
Peterson	3120X	100	91		Woodworth	90	77
Peterson	3125	90	83				

^a Field germination test planted June 2 and emerged seedlings counted June 14.

1975 Oil and Protein Content

Variety	% oil	% prot.	Variety	% oil	% prot.	Variety	% oil	% prot.
DeKalb			Beeson.....	21.5	41.6	McCurdy X500.....	24.8	37.1
Agripro 20.....	21.7	38.2	Bellatti-Seedmaker 1-E....	20.4	42.4	Northrup-King Multivar 80	24.7	37.3
Agripro 25.....	20.7	39.3	Clemens 2E.....	21.7	41.5	Northrup-King Multivar 90	24.4	39.2
Agripro 27.....	21.0	39.6	Clemens 2ER-75.....	21.6	42.1	Peterson 125.....	22.3	39.5
Amsoy 71.....	22.5	41.7	Clemens Exp. 66.....	21.6	43.8	Peterson 2120T.....	22.3	40.6
Asgrow A2340.....	21.9	39.3	Clemens Exp. 93.....	22.1	42.4	Peterson 3120X.....	22.1	40.6
Asgrow A2440.....	21.7	39.9	Clemens Exp. 94.....	21.5	41.3	Peterson 3125.....	21.9	39.5
Asgrow XP2444.....	22.1	38.3	Clemens CX114.....	21.3	41.6	Rieso.....	20.0	43.1
Asgrow XP2656.....	21.9	39.5	Clemens 2L-75.....	21.7	41.8	Schultz-Mitchell.....	22.2	39.3
Beeson.....	21.4	41.7	Clemens CX215.....	21.5	43.7	Schultz-Washington II....	24.2	37.0
Clemens 2E.....	21.6	40.3	Clemens CX290.....	21.4	42.3	Seedmaker SM 3-E.....	22.1	39.5
Clemens 12E.....	22.9	39.0	Clemens CX327.....	20.7	42.6	SRF 350.....	23.7	38.5
Clemens 2ER-75.....	22.0	38.2	Clemens Exp. C736.....	21.3	43.6	SRF 425.....	22.5	40.7
Clemens Exp. 22.....	20.0	41.1	Clemens 9L-75.....	23.1	41.9	SRF 450.....	22.4	40.5
Clemens Exp. 94.....	20.0	40.5	Clemens Exp. 980.....	21.5	43.3	Teweles XR 70.....	23.8	38.0
Clemens CX114.....	22.2	37.9	Corsoy.....	20.7	41.5	Teweles XR 304.....	21.1	40.1
Clemens CX282.....	22.5	40.1	Ferry-Morse McKoy 1100	23.3	40.7	Teweles XR 305.....	23.9	38.8
Clemens Exp. C935.....	22.3	37.6	Funk G-3272.....	20.7	43.3	Teweles XK 585.....	23.9	37.1
Clemens Exp. 980.....	20.7	42.2	Funk G-3333.....	21.4	41.5	Voris-Blend 400.....	23.5	39.7
Corsoy.....	20.6	41.6	Hoblit 2-5.....	21.12	42.5	Voris-Soy 405.....	21.2	41.6
Ferry-Morse McKoy 1100	21.1	40.8	Jacques J-104.....	22.5	41.8	Williams.....	24.6	37.7
FFR 111.....	20.7	40.8	Jacques J-114.....	20.8	42.5	Woodworth.....	24.2	41.2
FS Hisoy 225.....	22.0	38.1	Landers L-22-410.....	21.4	41.0	Belleville		
Funk G-3272.....	20.0	40.5	Landers L-23-432.....	19.9	41.8	Agripro 35.....	25.0	39.4
Hark.....	20.5	41.2	Landers L-32-458.....	20.9	42.0	FFR 444.....	23.9	39.9
Jacques J-98.....	21.1	39.9	Landers L-33-344.....	21.3	41.6	Kent.....	22.3	40.4
Jacques J-104.....	21.3	40.0	McCurdy 101+.....	22.0	40.7	Northrup-King Multivar 80	24.7	38.4
Landers L-22-410.....	21.7	37.9	McCurdy 109+.....	21.3	42.9	Northrup-King Multivar 90	23.9	40.0
Landers L-32-458.....	20.4	40.0	McCurdy X500.....	21.2	42.3	Peterson 125.....	23.1	41.4
McCurdy 101+.....	20.8	39.1	NAPB Amsoy 71.....	21.8	40.9	Peterson 2120T.....	23.0	40.2
McCurdy 109+.....	19.8	41.1	NAPB Beeson.....	21.8	41.3	Peterson 3120X.....	24.2	39.2
NAPB Amsoy 71.....	21.4	38.4	NAPB Corsoy.....	24.0	41.2	Peterson 3125.....	22.5	42.3
NAPB Beeson.....	20.6	39.8	Northrup-King S-1474.....	20.1	43.3	Rieso.....	21.7	39.1
NAPB Corsoy.....	21.9	37.6	Northrup-King 3409 Exp....	20.4	40.4	Schultz-Mitchell.....	24.4	38.2
Northrup-King S-1474.....	20.5	39.9	Northrup-King Multivar 70	21.1	40.8	Schultz-Washington II....	24.5	39.5
Northrup-King 2928 Exp..	22.3	38.1	Northrup-King Multivar 80	21.2	42.0	Seedmaker 26691F.....	22.6	40.9
Northrup-King Multivar 50	21.0	39.7	Northrup-King Multivar 90	21.9	41.6	Seedmaker 36691G.....	23.7	39.4
Northrup-King Multivar 51	20.6	39.7	Peterson 105P.....	21.8	41.1	Seedmaker 46691M.....	24.1	40.1
Northrup-King Multivar 60	20.5	40.2	Peterson 125.....	20.4	42.5	Seedmaker SM 3-E.....	24.1	38.2
Peterson 105P.....	20.6	40.1	Peterson 2120T.....	22.7	41.7	Seedmaker SM 4-E.....	23.5	39.7
Peterson 3100.....	21.3	40.5	Peterson 3105.....	22.0	41.4	SRF 307P.....	23.5	39.9
Peterson 3105.....	20.3	40.1	Peterson 3120X.....	20.1	42.7	SRF 350.....	22.0	40.7
Peterson 3120X.....	21.3	39.2	Pride B216.....	21.8	42.0	SRF 425.....	22.6	41.1
Pride B186.....	21.7	40.2	Schultz Pontiac.....	21.7	40.4	SRF 450.....	22.7	40.4
Pride B216.....	22.2	39.8	Schultz Washington II....	21.8	41.3	Teweles XR 70.....	22.4	41.6
Rampage.....	21.6	42.1	Seedmaker 26691D.....	21.9	43.2	Teweles XR 304.....	23.6	40.4
Seedmaker SM 2-A.....	21.8	40.3	Seedmaker 36691T.....	20.4	43.3	Teweles XR 305.....	25.0	38.3
Seedmaker SM 26913C....	21.2	40.5	Seedmaker SM 4-C.....	19.3	45.0	Williams.....	24.7	39.2
Seedmaker SM 26691M....	20.8	39.9	Seedmaker SM 4-E.....	21.6	42.3	Carbondale		
Seedmaker SM 4-C.....	19.3	41.8	Seedmaker SM 5-C.....	21.3	40.7	Bonus.....	23.1	43.7
Seedmaker SM 5-C.....	22.0	41.1	S. S. R. 17812 Exp.....	21.8	42.5	Calland.....	21.7	39.8
S. S. R. 17722 Exp.....	22.1	40.1	S. S. R. 17815 Exp.....	22.7	41.6	Columbus.....	21.2	41.8
S. S. R. 19716 Exp.....	21.5	39.3	SRF 200.....	22.6	39.0	Dare.....	21.4	39.0
SRF 150.....	21.9	39.7	SRF 307P.....	19.4	42.5	Essex.....	20.7	41.5
SRF 200.....	22.0	37.5	SRF 350.....	20.5	43.0	FFR 444.....	21.8	41.9
SRF 307P.....	20.6	39.6	SRF 425.....	20.3	42.1	Forrest.....	19.8	39.3
Teweles XK 140.....	21.2	41.8	Teweles XR 70.....	20.7	42.5	Hill.....	20.1	40.4
Teweles XR 244.....	21.3	39.5	Teweles XR 250.....	20.7	41.8	Kent.....	22.6	41.1
Teweles XR 250.....	20.8	41.1	Teweles XK 262.....	21.9	41.7	Peterson 3125.....	22.4	41.8
Teweles XR 262.....	21.6	38.5	Teweles XR 272.....	21.4	41.0	Pomona.....	21.6	41.7
Teweles XR 272.....	20.2	40.3	Teweles XR 305.....	21.4	43.5	Schultz-Mitchell.....	22.7	41.1
Teweles XK 505.....	20.7	40.5	Teweles XK 505.....	20.4	42.6	SRF 425.....	22.4	40.8
Teweles XK 585.....	20.1	40.7	Teweles XK 585.....	21.3	44.0	SRF 450.....	22.3	39.8
Voris-Blend 200.....	21.3	41.0	Voris-Blend 300.....	21.5	42.2	Williams.....	22.5	41.1
Voris-Soy 245.....	21.1	40.7	Voris-Soy 295.....	20.8	42.8	Woodworth.....	24.1	39.8
Voris-Soy 285.....	20.9	40.4	Voris-Soy 405.....	21.1	41.2	Dixon Springs		
VR Buccaneer.....	20.7	40.1	VR Buccaneer.....	21.7	41.2	Bellatti-Seedmaker 1-E....	21.6	43.9
VR Viking.....	20.9	40.3	VR Classic II.....	20.2	41.8	Columbus.....	21.3	41.9
Wayne.....	21.3	41.8	Williams.....	21.7	41.6	Essex.....	20.6	41.4
Wells.....	21.0	43.1	Woodworth.....	20.1	43.3	FFR 555.....	20.1	41.0
Williams.....	20.7	39.6	Brownstown			FFR 556.....	19.4	41.7
Woodworth.....	20.0	43.4	Agripro 35.....	22.7	38.3	Kent.....	22.5	41.0
Urbana			Asgrow XP4086.....	24.0	39.0	Mack.....	22.5	41.3
Agripro 20.....	22.7	40.4	Bellatti-Seedmaker 1-E....	20.3	42.3	Peterson X514C.....	21.3	41.1
Agripro 25.....	21.7	40.3	Bonus.....	23.1	42.5	Peterson 3125.....	24.4	41.3
Agripro 27.....	22.1	41.4	Columbus.....	18.5	44.5	Schultz-Mitchell.....	21.8	41.5
Agripro 35.....	21.7	42.5	Cutler 71.....	23.3	39.0	Seedmaker SM 3-E.....	23.6	40.5
Amsoy 71.....	22.4	41.6	FFR 444.....	24.3	39.1	SRF 350.....	22.4	43.3
Asgrow A2340.....	21.2	42.0	Funk G-3333.....	21.2	41.2	SRF 425.....	22.3	42.1
Asgrow XP2656.....	22.4	40.8	Kent.....	22.6	41.2	SRF 450.....	22.7	41.5
Asgrow A2770.....	21.9	41.2	Landers L-23-432.....	21.8	39.5	Williams.....	23.5	40.7
Asgrow A3300.....	21.3	41.7	Landers L-33-344.....	22.9	40.0	Woodworth.....	24.0	40.0
Asgrow A3440.....	20.8	42.0	McCurdy 109+.....	21.4	42.7			

DeKalb Soybean Variety Trial Results

Brand and variety	1975 results					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Agripro 20.....	48.5	13.4	1.1	9-30	40						
Agripro 25.....	52.6	12.7	1.1	10-4	36	22.9	2.0	38	56.2	1.7	42
Agripro 27.....	55.0	12.9	1.1	10-4	40	23.3	1.2	34			
Amsoy 71.....	45.4	13.5	3.0	9-28	34	28.6	1.3	32	56.9	2.	42
Asgrow A2340.....	53.3	13.3	4.0	9-22	36						
Asgrow A2440.....	49.6	13.4	2.2	9-22	34						
Asgrow XP2444.....	51.0	13.7	2.6	9-24	38						
Asgrow XP2656.....	48.7	13.2	1.3	9-28	40						
Beeson.....	51.2	12.0	1.2	9-30	38	24.7	1.4	33	57.0	1.7	39
Clemens 2E.....	44.9	13.5	3.0	9-30	42						
Clemens 12E.....	39.5	13.3	1.2	9-15	28						
Clemens 25R 75.....	46.7	12.6	2.6	9-24	38						
Cleme.....	27.8	12.4	1.3	9-15	34						
Clemens 12E.....	48.8	13.0	1.1	9-30	40						
Clemens CX 114.....	41.2	15.5	1.6	9-25	36						
Clemens CX 282.....	33.2	12.3	1.5	9-11	26						
Clemens Exp. C935.....	38.4	12.5	1.6	9-17	28						
Clemens Exp. 980.....	44.1	12.5	1.2	10-1	36						
Corsoy.....	51.4	12.6	4.0	9-22	38	30.6	1.4	32	56.0	2.7	37
Ferry-Morse McKoy 1100.....	51.1	13.6	3.0	9-30	40	27.8	1.6	36	50.8	2.5	41
FFR 111.....	52.2	12.6	3.0	9-23	42	31.6	1.2	32			
FS Hisoy 225.....	45.8	14.6	3.0	9-28	36						
Funk G-3272.....	46.1	14.5	3.0	10-2	44						
Hark.....	48.1	12.5	1.2	9-30	46	29.7	1.1	30	48.3	2.8	36
Jacques J-98.....	45.5	14.0	3.0	9-21	32						
Jacques J-104.....	45.0	12.8	3.5	9-25	34	29.6	1.7	34			
Landers L-22-410.....	49.2	14.7	3.3	9-24	40						
Landers L-32-458.....	55.0	13.6	1.1	10-3	46						
McCurdy 101+.....	48.0	12.6	1.3	9-30	38	30.3	2.4	34	53.8	3.7	40
McCurdy 109+.....	46.7	13.0	1.2	10-4	46	18.0	3.0	36			
NAPB Amsoy 71.....	48.5	13.3	1.2	9-30	42						
NAPB Beeson.....	50.0	13.5	1.4	9-30	34						
NAPB Corsoy.....	46.2	14.0	4.0	9-22	32						
Northrup-King S-1474.....	47.6	14.3	3.5	9-28	40	28.6	2.0	30	57.2	3.5	39
Northrup-King 2928 Exp.....	55.2	11.8	1.1	9-28	30						
Northrup-King Multivar 50.....	44.8	14.2	1.2	9-24	36						
Northrup-King Multivar 51.....	52.4	12.5	1.3	9-30	42						
Northrup-King Multivar 60.....	51.4	13.0	1.2	9-29	34						
Peterson 105P.....	46.8	14.2	1.9	9-28	38	31.1	2.1	34			
Peterson 3100.....	46.8	13.5	2.4	9-24	36	35.2	1.3	32	52.8	2.3	38
Peterson 3105.....	54.9	12.9	2.5	10-2	41	26.4	2.0	34	63.1	2.7	40
Peterson 3120X.....	51.9	13.6	3.0	9-30	38						
Pride B186.....	45.8	11.3	1.4	9-15	36						
Pride B216.....	50.9	13.0	2.3	9-25	32						
Rampage.....	37.8	13.2	1.4	9-22	28	30.8	1.3	30	52.9	2.0	34
Seedmaker SM 2-A.....	48.2	11.6	1.2	9-18	32						
Seedmaker SM 26913-C.....	46.6	12.9	1.2	9-15	28						
Seedmaker SM 26691-M.....	42.0	14.5	1.4	9-29	42						
Seedmaker SM 4-C.....	47.2	13.4	1.3	10-2	36	23.4	1.2	34	56.9	4.0	36
Seedmaker SM 5-C.....	54.6	12.8	1.3	10-1	36						
Seed Soybean Research 17722 Exp.....	45.0	14.2	1.5	9-27	34						
Seed Soybean Research 19716 Exp.....	49.3	13.8	3.5	9-28	40						
SRF 150.....	42.6	13.0	1.1	9-18	30	30.7	1.1	28	52.2	1.3	36
SRF 200.....	42.3	15.4	3.0	9-29	36	25.4	1.2	32	52.9	2.0	40
SRF 307P.....	41.1	13.5	2.0	10-3	40	20.9	3.0	34			
Teweles XK 140.....	40.5	12.3	1.4	9-15	34						
Teweles XR 244.....	49.0	13.1	3.3	9-23	36						
Teweles XK 262.....	49.5	12.8	1.7	10-1	36						
Teweles XR 272.....	55.8	12.7	1.3	9-30	38						
Teweles XR 250.....	44.8	14.4	1.1	9-30	40						
Teweles XK 505.....	47.2	13.0	1.2	9-30	40	27.1	1.2	36	50.7	2.6	40
Teweles XK 585.....	47.8	12.4	2.2	10-3	38						
Voris-Blend 200.....	51.4	12.1	4.0	9-24	38	32.9	1.2	32			
Voris-Soy 245.....	58.1	12.2	4.5	9-24	36						
Voris-Soy 285.....	52.5	13.5	1.3	10-3	42						
VR Buccaneer.....	48.0	13.7	4.0	10-1	38						
VR Viking.....	50.3	12.8	2.0	9-28	40						
Wayne.....	43.8	13.1	2.0	10-5	42	19.9	3.0	36	63.6	3.7	42
Wells.....	46.1	11.1	1.1	9-27	34	28.0	1.0	34			
Williams.....	52.1	12.2	1.1	10-5	44						
Woodworth.....	51.5	11.4	1.5	10-5	42						
Average.....	47.5	13.1	2.0	...	37	26.9	1.9	34	53.1	2.6	39
L.S.D. .10.....	7.5	1.3	...	...	..	2.83	...	..	...	...	..
L.S.D. .30.....	6.3	1.1	...	...	..	...	...	..	...	...	..
C.V.....	11.3	...	...	...	..	8.99	...	..	9.9	...	..

Urbana Soybean Variety Trial Results

Brand and variety	1975 results					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Agripro 20.....	60.3	10.7	1.8	9-24	38						
Agripro 23.....	56.6	10.2	1.4	9-20	46	52.0	1.5	41			
Agripro 27.....	58.4	11.6	1.3	9-23	37	52.7	1.7	38	52.6	1.7	42
Agripro 35.....	56.4	12.5	3.0	9-28	43	53.0	2.3	44			
Amsoy 71.....	53.5	12.1	2.0	9-14	45						
Asgrow A-2340.....	46.3	11.4	3.5	9-5	39						
Asgrow XP-2656.....	48.5	10.7	2.0	9-6	42						
Asgrow A-2770.....	56.7	11.9	1.7	9-14	44						
Asgrow A-3300.....	54.8	11.2	1.3	9-23	45						
Asgrow A-3440.....	54.9	11.1	1.3	9-26	47						
Beeson.....	53.2	12.7	3.7	9-13	41	51.0	1.8	39	51.5	1.8	39
Bellatti-Seedmaker 1-E.....	51.9	11.9	4.7	9-20	46	48.9	1.8	41	48.2	1.7	43
Clemens 2E.....	51.3	12.0	2.5	9-12	45						
Clemens 2ER-75.....	55.6	12.4	2.7	9-13	45						
Clemens Exp. 66.....	52.9	11.8	4.0	9-25	43						
Clemens Exp. 93.....	51.5	11.8	4.0	9-13	47						
Clemens Exp. 94.....	53.0	12.0	2.5	9-12	34						
Clemens CX-114.....	44.0	12.2	3.0	9-8	42						
Clemens 2L-75.....	52.0	10.6	1.1	9-18	39						
Clemens CX-215.....	56.4	10.7	2.7	9-18	45						
Clemens CX-290.....	52.4	11.3	2.5	9-14	42						
Clemens CX-327.....	54.1	11.0	2.5	9-25	51						
Clemens Exp. C-736*.....	57.0	12.6	1.7	9-28	51						
Clemens 9L-75.....	61.9	11.7	2.0	9-27	47						
Clemens Exp. 980.....	49.8	12.1	3.0	9-12	40						
Corsoy.....	50.6	11.8	4.3	9-5	44						
Ferry-Morse McKoy 1100.....	52.3	11.3	1.8	9-15	48	51.2	1.9	40			
Funk G-3272.....	49.5	12.4	1.5	9-14	44						
Funk G-3333.....	46.9	11.7	3.5	9-24	43						
Hoblitt 2-5.....	62.2	10.4	1.7	9-18	46	55.6	1.6	39			
Jacques J-104.....	55.5	11.7	3.0	9-5	43	51.2	1.5	38			
Jacques J-114.....	51.4	11.7	2.3	9-23	40	51.4	2.3	40			
Landers L-22-410.....	49.0	11.8	3.0	9-11	46						
Landers L-23-432.....	57.5	10.2	2.2	9-25	41						
Landers L-23-458.....	53.9	11.0	2.0	9-25	48						
Landers L-33-344.....	57.1	11.4	1.5	9-24	42						
McCurdy 101+.....	57.4	10.1	2.0	9-11	40	49.7	1.8	40			
McCurdy 109+.....	58.4	13.3	2.5	9-24	45	52.0	2.5	40	68.3	2.3	44
McCurdy X500.....	59.4	13.5	2.7	9-28	45	48.9	2.5	41	56.3	2.8	45
NAPB Amsoy 71.....	51.3	11.8	2.0	9-18	32						
NAPB Beeson.....	52.9	11.4	1.3	9-14	38						
NAPB Corsoy.....	46.0	12.0	4.0	9-8	40						
Northrup-King S-1474.....	51.7	12.0	3.5	9-11	38	49.6	2.1	37	53.4	2.6	39
Northrup-King Exp. 3409.....	51.1	10.0	2.6	9-26	49						
Northrup-King Multivar 70.....	52.2	11.3	2.0	9-24	44						
Northrup-King Multivar 80.....	55.9	10.7	2.5	9-24	42						
Northrup-King Multivar 90*.....	57.4	11.1	1.6	9-30	47						
Peterson 105P.....	50.9	11.5	2.5	9-7	45	51.3	1.9	39			
Peterson 125.....	57.6	12.4	2.0	9-27	48	50.2	2.6	44	53.1	2.7	44
Peterson 2120T.....	59.9	10.6	4.0	9-25	43						
Peterson 3105.....	58.2	9.9	3.0	9-23	43	52.3	2.2	39	54.2	2.2	42
Peterson 3120X.....	54.0	11.6	4.0	9-18	41						
Pride B-216.....	56.5	12.3	1.7	9-13	37						
Schultz Pontiac.....	59.2	11.3	2.0	9-17	39						
Schultz Washington II*.....	60.3	11.9	1.3	9-24	46						
Seedmaker SM 26691-D.....	46.8	11.7	1.2	9-10	38						
Seedmaker SM 36691-T.....	54.5	11.6	2.0	9-29	47						
Seedmaker SM 4-C.....	51.6	11.1	3.8	9-18	34	49.3	2.4	37	55.6	2.4	36
Seedmaker SM 4-E.....	59.4	11.5	4.0	9-24	45	55.5	3.8	51	60.2	3.4	45
Seedmaker SM 5-C.....	51.7	12.3	3.0	9-13	39						
Seed Soybean Research 17812 Exp.....	41.1	11.4	2.0	9-6	46						
Seed Soybean Research 17815 Exp.....	55.6	11.7	2.6	9-25	46						
SRF 200.....	50.5	10.8	2.5	9-17	40	50.2	2.0	38	51.9	2.4	40
SRF 307P.....	57.3	11.9	4.7	9-23	44	52.8	2.3	42	57.8	2.8	45
SRF 350*.....	47.4	10.5	1.7	9-29	49	52.1	2.2	40	59.2	2.4	44
SRF 425*.....	49.5	13.3	2.5	10-2	51	43.9	2.5	43	55.4	3.0	47
Teweles XR70.....	52.2	13.2	2.0	9-28	42						
Teweles XR250.....	55.4	11.3	2.3	9-12	42						
Teweles XK262.....	60.1	10.8	3.9	9-25	43						
Teweles XR272.....	54.4	12.2	1.4	9-13	42						
Teweles XR305.....	55.9	12.4	2.0	9-25	48						

* Harvested at latest harvest date for this site, October 3.

Urbana Soybean Variety Trial Results (continued)

Brand and variety	1975 results					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Teweles XK505.....	53.1	12.2	1.7	9-13	38	49.7	1.4	40	52.0	1.2	40
Teweles XK585.....	56.7	11.0	3.0	9-24	48	49.6	2.2	38	59.4	2.1	42
Voris-Blend 300.....	57.0	10.7	2.0	9-24	52	53.8	1.4	41			
Voris-Soy 295.....	57.9	11.3	2.8	9-20	46	53.5	1.8	44			
Voris-Soy 405*.....	44.0	15.6	4.0	10-2	49						
V.R. Buccaneer.....	53.5	13.1	2.0	9-16	43						
V.R. Classic II*.....	55.8	11.1	2.0	9-29	51						
Williams.....	59.6	12.6	1.7	9-25	44	48.8	2.6	39	57.2	1.5	45
Woodworth.....	54.6	11.0	1.5	9-26	46	54.0	2.6	40			
Average.....	53.8	11.6	2.5	...	43	50.2	2.2	41	53.4	2.2	43
L.S.D. .10.....	7.6	2.6	.6	...	..	4.05	...	..	...	...	..
L.S.D. .30.....	6.4	1.7	.5	...	..	...	...	..	...	...	..
C.V.....	10.2	...	...	...	..	6.93	...	..	10.6	...	..

* Harvested at latest harvest date for this site, October 3.

Brownstown Soybean Variety Trial Results

Brand and variety	1975 results ^a					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Harvest date	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Agripro 35.....	43.3	13.0	1.0	9-16	9-24						
Asgrow XP4086.....	41.7	13.1	4.0	9-13	9-24						
Bellatti-Seedmaker 1-E.....	37.3	12.8	1.0	9-11	9-24	42.5	1.2	32	35.6	1.0	34
Bonus.....	44.4	13.4	1.1	9-14	9-24	47.6	1.1	32	17.7	1.4	31
Columbus.....	48.3	8.9	1.2	9-23	10-17						
Cutler 71.....	39.9	11.8	1.1	9-9	9-24	50.5	1.0	36	34.1	1.0	36
FFR 444.....	40.8	13.9	1.2	9-17	9-24	46.3	1.0	30			
Funk G-3333.....	36.0	11.5	1.3	9-12	9-24			..			
Kent.....	45.4	10.7	1.8	9-27	10-17	48.2	1.2	30	44.6	2.0	34
Landers L-23-432.....	44.5	13.6	2.0	9-13	9-24						
Landers L-33-344.....	40.0	13.3	1.0	9-13	9-24						
McCurdy 109+.....	34.3	9.9	1.2	9-21	10-17	40.1	1.0	30	28.1	1.0	33
McCurdy X500.....	41.9	15.8	1.4	9-19	9-24	44.9	1.2	32	30.1	1.0	34
Northrup-King Multivar 80.....	37.4	13.3	1.2	9-14	9-24						
Northrup-King Multivar 90.....	39.4	12.2	1.1	9-16	9-24						
Peterson 125.....	46.0	12.6	1.5	9-13	9-24	45.0	1.1	34	32.0	1.0	36
Peterson 2120T.....	36.9	12.9	1.2	9-14	9-24						
Peterson 3120X.....	38.6	12.9	1.5	9-8	9-24						
Peterson 3125.....	43.4	13.4	1.2	9-14	9-24						
Rieso.....	46.0	10.5	1.7	9-24	10-17						
Schultz-Mitchell.....	41.5	13.3	1.1	9-17	9-24	50.5	1.2	34	41.4	1.0	33
Schultz-Washington II.....	42.5	12.3	1.2	9-13	9-24	47.0	1.0	28			
Seedmaker SM 3-E.....	43.9	13.9	1.7	9-15	9-24	50.2	1.4	38	32.4	1.0	35
SRF 350.....	41.3	11.8	1.6	9-19	9-24						
SRF 425.....	47.8	10.0	1.3	9-20	10-17						
SRF 450.....	45.9	10.0	1.3	9-23	10-17						
Teweles XR70.....	40.9	13.7	1.0	9-19	9-24						
Teweles XR304.....	43.9	13.0	1.2	9-12	9-24						
Teweles XR305.....	37.0	12.5	1.2	9-15	9-24						
Teweles XK585.....	36.3	11.1	1.2	9-8	9-24						
Voris-Blend 400.....	44.7	15.0	2.2	9-18	9-24						
Voris-Soy 285.....	40.0	13.3	1.1	9-10	9-24						
Voris-Soy 405.....	48.7	8.9	1.6	9-21	10-17						
Williams.....	39.4	12.4	1.1	9-17	9-24	47.0	1.0	30	31.9	1.0	32
Woodworth.....	37.8	9.8	1.1	9-20	10-17	35.4	1.2	28			
Average.....	41.8	12.3	1.4	...	...	60.2	3.8	46	48.8	1.7	41
L.S.D. .10.....	6.7	2.6	...	...	...	7.91	...	..	...	...	..
L.S.D. .30.....	5.6	2.2	...	...	...	...	...	..	...	...	..
C.V.....	11.5	...	...	...	...	11.03	...	..	14.5	...	..

^a 1975 data for height were lost.

Belleville Soybean Variety Trial Results

Brand and variety	1975 results					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Agripro 35.....	61.6	15.1	1.4	9-24	50						
FFR 444.....	63.1	12.6	2.1	9-23	48	49.9	3.5	44			
Kent.....	61.6	12.5	1.4	9-30	46	44.4	3.0	44	47.4	2.0	39
Northrup-King Multivar 80.....	61.9	14.3	1.4	9-18	44						
Northrup-King Multivar 90.....	66.7	14.2	1.5	9-26	48						
Peterson 125.....	61.1	13.8	2.0	9-28	52						
Peterson 2120T.....	66.8	14.2	2.4	9-16	44						
Peterson 3120X.....	57.2	15.1	2.0	9-11	42						
Peterson 3125.....	68.0	13.3	1.3	9-27	51						
Rieso.....	60.1	14.4	3.5	9-30	58						
Schultz-Mitchell.....	62.3	14.6	1.1	9-19	42	50.3	3.0	42	51.0	1.7	40
Schultz-Washington II.....	59.1	16.1	1.3	9-22	42	52.7	2.1	42			
Seedmaker SM 26691-F.....	73.8	14.5	3.4	9-26	50						
Seedmaker SM 3-E.....	69.1	12.8	4.5	9-24	58	49.0	4.0	52	40.1	1.8	36
Seedmaker SM 36691-G.....	65.9	15.5	1.4	9-15	55	51.7	3.5	44	47.6	1.1	41
Seedmaker SM 4-E.....	62.2	15.9	3.5	9-15	55						
Seedmaker SM 46691-M.....	73.9	13.9	3.0	9-24	51						
SRF 307P.....	67.2	13.6	1.7	9-16	48	47.3	3.0	44	46.7	2.0	33
SRF 350.....	64.3	13.8	3.0	9-22	50	48.7	3.0	40	48.3	1.1	34
SRF 425.....	64.7	14.0	1.5	9-28	52	53.3	3.0	44	48.1	1.5	42
SRF 450.....	63.2	13.9	1.2	9-30	44	45.9	2.5	42	42.5	1.4	34
Teweles XR70.....	67.0	13.4	1.8	9-28	48						
Teweles XR304.....	62.3	14.6	1.5	9-17	48						
Teweles XR305.....	67.6	12.5	1.2	9-18	42						
Williams.....	84.3	14.5	1.2	9-20	42	56.6	3.0	40	53.1	1.0	36
Average.....	65.4	14.1	2.0	...	48	42.7	3.2	42	46.5	1.9	37
L.S.D. .10.....	11.6	.8	.6	...	..	6.06	...	..	...	...	..
L.S.D. .30.....	9.8	.7	.5	...	..	...	...	..	...	...	..
C.V.....	12.8	...	...	...	..	11.99	...	..	12.4	...	..

Carbondale Soybean Variety Trial Results

Brand and variety	1975 results					1974 results	
	Yield (bu.)	Moisture (pct.)	Lodging score	Maturity date	Height (in.)	Yield (bu.)	Lodging score
Bonus.....	78.0	12.8	1.2	9-24	42		
Calland.....	75.8	14.0	1.3	9-17	38		
Columbus.....	75.4	14.6	2.6	10-3	38		
Dare.....	59.9	15.4	2.5	10-12	38	35.3	1.5
Essex.....	73.6	15.5	1.2	10-11	36	43.6	1.4
FFR 444.....	79.1	10.6	3.9	9-18	42	24.3	1.0
Forrest.....	64.0	15.2	3.0	10-13	40	37.8	1.4
Hill.....	67.4	16.4	4.0	10-7	36	38.8	1.3
Kent.....	76.6	13.4	2.0	10-1	44		
Peterson 3125.....	83.6	13.9	2.5	9-23	42		
Pomona.....	70.2	15.7	1.2	9-30	36		
Schultz-Mitchell.....	82.0	12.2	1.3	9-19	34	38.5	1.2
SRF 425.....	68.4	11.7	2.3	9-25	44	26.9	1.2
SRF 450.....	76.8	10.9	1.3	10-1	40	35.2	1.1
Williams.....	79.9	12.5	2.0	9-22	38		
Woodworth.....	80.9	13.5	3.5	9-12	38		
Average.....	74.5	13.6	2.2	...	39	32.3	1.1
L.S.D. .10.....	11.3	2.7	.6	...	..	5.25	...
L.S.D. .30.....	9.5	2.3	.5	...	..	...	...
C.V.....	11.0	...	...	...	..	13.53	...

Dixon Springs Soybean Variety Trial Results

Brand and variety	1975 results					1974 results			1973 results		
	Yield (bu.)	Mois- ture (pct.)	Lodg- ing score	Matu- rity date	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)	Yield (bu.)	Lodg- ing score	Height (in.)
Bellatti-Seedmaker 1-E.....	58.3	12.9	4.7	9-14	40	51.8	4.5	42	57.2	1.0	43
Columbus.....	64.3	12.1	4.0	9-23	41	66.1	4.5	44	...	...	..
Essex.....	71.0	11.0	4.0	10-11	34	...	...	..	...	...	..
FFR 555.....	47.8	11.3	4.0	10-1	38	...	...	..	...	...	..
FFR 556.....	65.7	11.8	4.0	10-7	60	...	...	..	...	...	..
Kent.....	64.1	11.9	2.7	10-1	40	68.5	2.0	48	49.5	1.5	41
Mack.....	62.0	11.4	4.0	10-7	33	54.9	4.5	40	...	...	..
Peterson X514C.....	63.8	12.3	3.8	9-27	40	...	...	..	...	...	..
Peterson 3125.....	61.6	12.0	2.5	9-23	38	...	...	..	...	...	..
Schultz-Mitchell.....	60.5	11.7	2.5	9-19	36	71.6	3.0	50	56.2	1.5	41
Seedmaker SM 3-E.....	59.6	12.4	4.2	9-24	41	61.9	4.5	56	45.1	2.0	46
SRF 350.....	55.2	11.8	3.8	9-22	33	...	...	..	...	...	..
SRF 425.....	60.1	11.7	3.8	9-25	37	64.4	4.5	46	55.7	1.0	46
SRF 450.....	56.0	11.9	2.5	10-1	39	69.5	2.0	46	53.9	1.5	41
Williams.....	59.7	11.8	3.0	9-17	30	...	...	..	...	...	..
Woodworth.....	56.5	11.3	3.5	9-20	32	60.9	3.0	48	...	...	..
Grand mean.....	60.4	11.8	3.6	...	38	60.2	3.8	46	48.8	1.7	41
L.S.D. .10.....	9.2	.9	.5	7.91
L.S.D. .30.....	7.7	.7	.4
C.V.....	10.9	11.03	14.5

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